IOWA OPERATING PERMIT APPLICATION – PART 1 Form ME-01 CONTINUOUS MONITORING SYSTEMS

Duplicate and complete this form for EACH piece of MONITORING EQUIPMENT

1) Company/Facility Name		2) EIQ No.	3) Form ME-01 page one			
			Page of			
Continuous Monitoring System (CMS) Description						
4) Monitoring Equipment No.	5) Name of Manufacturer	6) Model Name – Mode	I Number – Model Year 7) Date of Installation			
O) Town of Mariles (Observed All the Country)			A) Management Davis			
8) Type of Monitor (Check all that apply)	_	_	9) Measurement Basis:			
☐ Point In Situ	Path In Situ	Extractive	☐ Wet ☐ Dry			
Dilution	Other (Specify):					
10) Pollutant(s)/Parameter(s) Monitored by CMS (Check all that apply to THIS monitor):						
SO2	NOx	□ co	Opacity			
TRS	☐ H2S	HCL	☐ Total Hydrocarbons (VOC)			
Diluent O2	Diluent CO2	Other (Specif	y):			
ASSOCIATED EQUIPMENT						
11) Emission Point No. 12) Emission Unit Nos. (List all)						
13) MONITOR OPERATIONS						
Fill out this question by completing one box for each type of parameter or pollutant you identified in question 10. For example if the CMS						
monitors NOx and SO2, you would use two of the following boxes, one for NOx and one for SO2. After completing the section(s) below continue to page 2 of ME-01.						
a) FIRST Type of Pollutant/Parameter:						
b) Has a Performance Specification Test of the monitor (for this pollutant/parameter) been done? 40 CFR 60 Appendix B 40 CFR 75 Appendix A Yes No						
If yes for either – Date test per	formed:	_ Did it pass?				
c) What was the Span Value for thi						
d) How did you determine the Span Value: The requirements of the applicable rule The procedures outlined in 40 CFR 60 App. B						
,						
		he emission limit	The procedure outlined on 40 CFR 75 App. A			
	Other (Spe	ecify):	-			
a) SECOND Type of Pollutant/Parameter:						
b) Has a Performance Specification Test of the monitor (for this pollutant/parameter) been done? 40 CFR 60 Appendix B						
40 CFR 75 Appendix A Yes No If yes for either – Date test performed: Did it pass? Yes No						
c) What was the Span Value for this pollutant/parameter?						
d) How did you determine the Spar	· · ·	ements of the applicable rule	The procedures outlined in 40 CFR 60 App. B			
,		••	<u> </u>			
	<u>—</u>	he emission limit	The procedure outlined on 40 CFR 75 App. A			
	U Other (Spe	ecify):	-			
a) THIRD Type of Pollutant/Parameter:						
b) Has a Performance Specification Test of the monitor (for this pollutant/parameter) been done? 40 CFR 60 Appendix B 40 CFR 75 Appendix A Yes No						
If yes for either - Date test per	formed:	_ Did it pass?				
c) What was the Span Value for this pollutant/parameter?						
d) How did you determine the Span	n Value: 🔲 The requir	ements of the applicable rule	☐ The procedures outlined in 40 CFR 60 App. B			
	1 ½ time t	he emission limit	☐ The procedure outlined on 40 CFR 75 App. A			
	Other (Spe	ecify):	_			
Duplicate this form as needed	TYPE OR P	RINT ALL INFORMATION	(DNR Form 542-1484, p.1. August 1, 2001)			

Form ME-01

IOWA OPERATING PERMIT APPLICATION – PART 1 Form ME-01 CONTINUOUS MONITORING SYSTEMS (continued)

Duplicate and complete this form for EACH piece of MONITORING EQUIPMENT

1) Company/Facility Name		2) EIQ No.	3) Leave Blank			
4) Monitoring Equipment No.	0		and the second s			
4) Monitoring Equipment No.	Questions 14 & 15 are monitor types.	monitor type specific. Answer	only if they apply. Question 16 applies to all			
14) Data Reduction Procedures for OPACITY MONITORS only:						
a) What is the inside stack or duct diameter at the location of the CMS? In.						
b) Has a stack exit correlation factor been applied to opacity measurements? Yes No						
c) What averaging period is used? 6 minutes Other (Specify):						
d) Is a "combiner" system used?						
If yes, explain how the stack exit opacity is calculated from the monitor signals (Include all relevant equations and assumptions):						
15) Data Reduction Procedures for GAS MONITORS only:						
a) Are the data reduced to hourly averages?						
b) Explain how the data are converted to units of the emission standard (e.g. lb/MMBtu, % Sulfur in fuel, etc.) and the appropriate averaging time (e.g. for a lbs/hr emission limit, one hour is the appropriate averaging time). Include all relevant equations, F-factors and any						
assumptions made:						
16) Primary Data Acquisition System (DAS) in	formation:					
a) Type of system: Cha	rt Recorder Dio	gital Recorder	ter			
	_		pecify):			
b) Manufacturer:						
c) How often does the Data Acquisition System record sample values?						
d) Data Acquisition System full-scale value(s) during normal operation (include units):						
Pollutant Monitor		Diluent Monitor				
e) Data Acquisition System resolution (readability) or the smallest scale division (include units):						
Pollutant Monitor Dilluent Monitor						
f) Is there a secondary (back-up) DAS?						
17) Additional explanations or comments regarding this Continuous Monitoring System:						
11/ Additional Capitalianics of Comments regarding this Committeeing Oystem.						
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Form ME-01